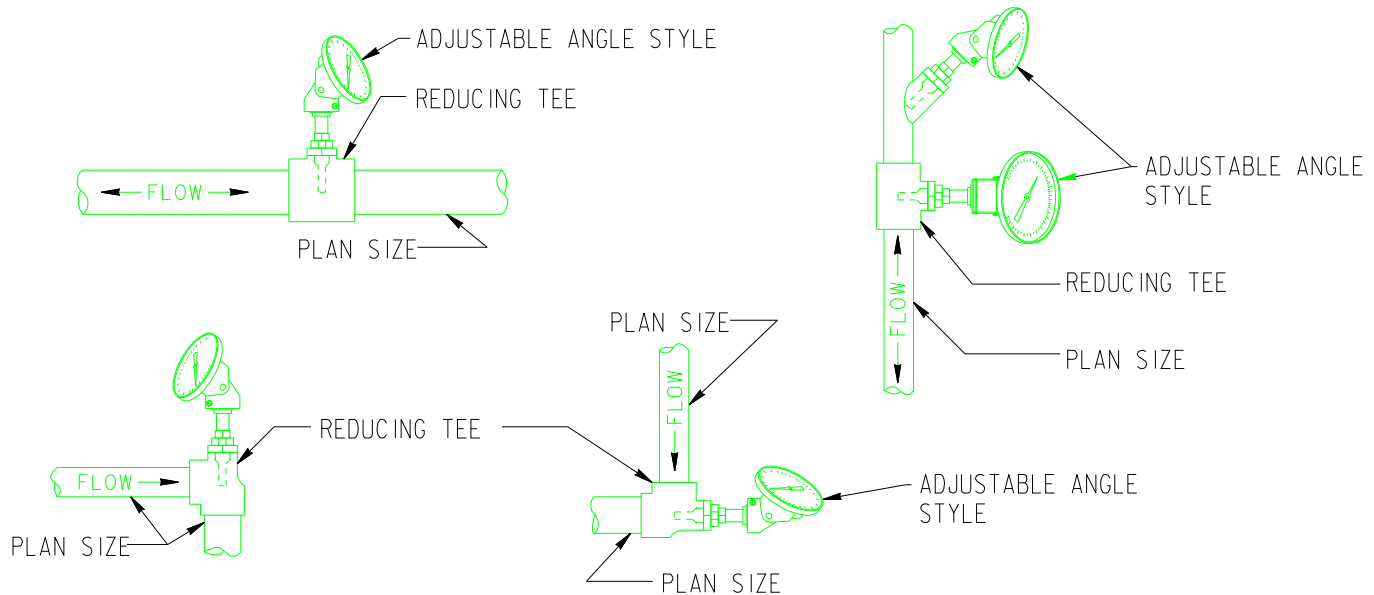
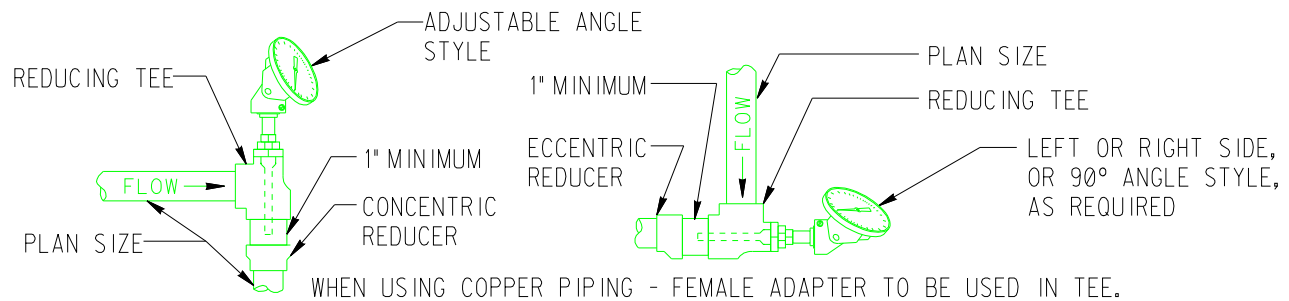


PREPARED BY:	SANDIA NATIONAL LABORATORIES FACILITIES ENGINEERING	DETAIL NO.:
CHECKED BY:		MP5050
DATE:	REV:	SCALE:
4-20-06	B	NONE
THERMOMETER MOUNTING		MECHANICAL STANDARD



1/2" NIPPLE, THREADLET OR ELBOWLET MAY BE USED IN LIEU OF TEE ON BLACK STEEL PIPING.

THERMOMETER INSTALLATION W/PIPING 1 1/2" DIA. & LARGER



THERMOMETER INSTALLATION W/PIPING 1 1/2" DIA. & SMALLER

NOTES:

1. MINIMUM STEM LENGTH 3 1/2". STEM LENGTH IN LARGER PIPING SHALL BE SUCH THAT STEM SHALL EXTEND INTO THE FLOW PATH.
2. EXTENSION NECK (LAGGING) SHALL BE USED ON ALL INSULATED PIPING.
3. TEST WELLS SHALL BE INSTALLED SIMILAR TO THERMOMETERS, EXCEPT THEY WILL BE INSTALLED VERTICALLY, OR AT A MINIMUM SLOPE OF 45° FROM VERTICAL IN ORDER THAT THEY MAY BE FILLED.
4. DIAL THERMOMETERS, REMOTE BULB THERMOMETERS & BULB TYPE TEMPERATURE CONTROLLERS SHALL BE INSTALLED IN THE SAME MANNER.
5. THERMOMETERS SHALL BE INSTALLED IN THERMOWELLS.